

## Auchneel WTW, Dumfries and Galloway

3 November 2009

### Inspection Report

#### Overall Summary

Auchneel is a robust treatment works that is well run by staff. Although a number of issues were identified, these are mostly minor in nature. A number of risks in the catchment and from the disinfection process require continued careful management to ensure water quality is not compromised.

**Number of Findings:** 8

**Score (out of 6)**

#### Quality of Water Produced

**3 Adequate**

Final water quality is good, with no microbiological failures at WTW or in distribution system. 2 minor detections of *Cryptosporidium*. Main issue is formation of Trihalomethanes (THMs) with 7 samples out of 13 exceeding standard over 2 years.

#### Robustness of Treatment Asset

**4 Good**

Auchneel has a robust treatment process, that should be capable of dealing with raw water quality. This is assisted by the works operating well within design flows. A number of risks exist in the catchment, however these are being managed.

#### Operational Practices

**4 Good**

Staff are managing the treatment process extremely well. The site is well kept and well run. Staff have an excellent understanding of the works and actively manage the treatment process, although further thought on managing chlorine addition to control THMs would be beneficial.

#### Maintenance of Asset

**4 Good**

Maintenance of plant and process appears adequate, and there is evidence of appropriate maintenance interventions in catchment and works.

#### Safeguards and Procedures

**4 Good**

Monitoring on site is appropriate to the quality of water and the treatment process. Site procedures are adequate.

#### Water Safety Plan Development and Implementation

**n/a n/a**

Auchneel does not yet have a Drinking Water Safety Plan, although one is imminent.